

Fig.1

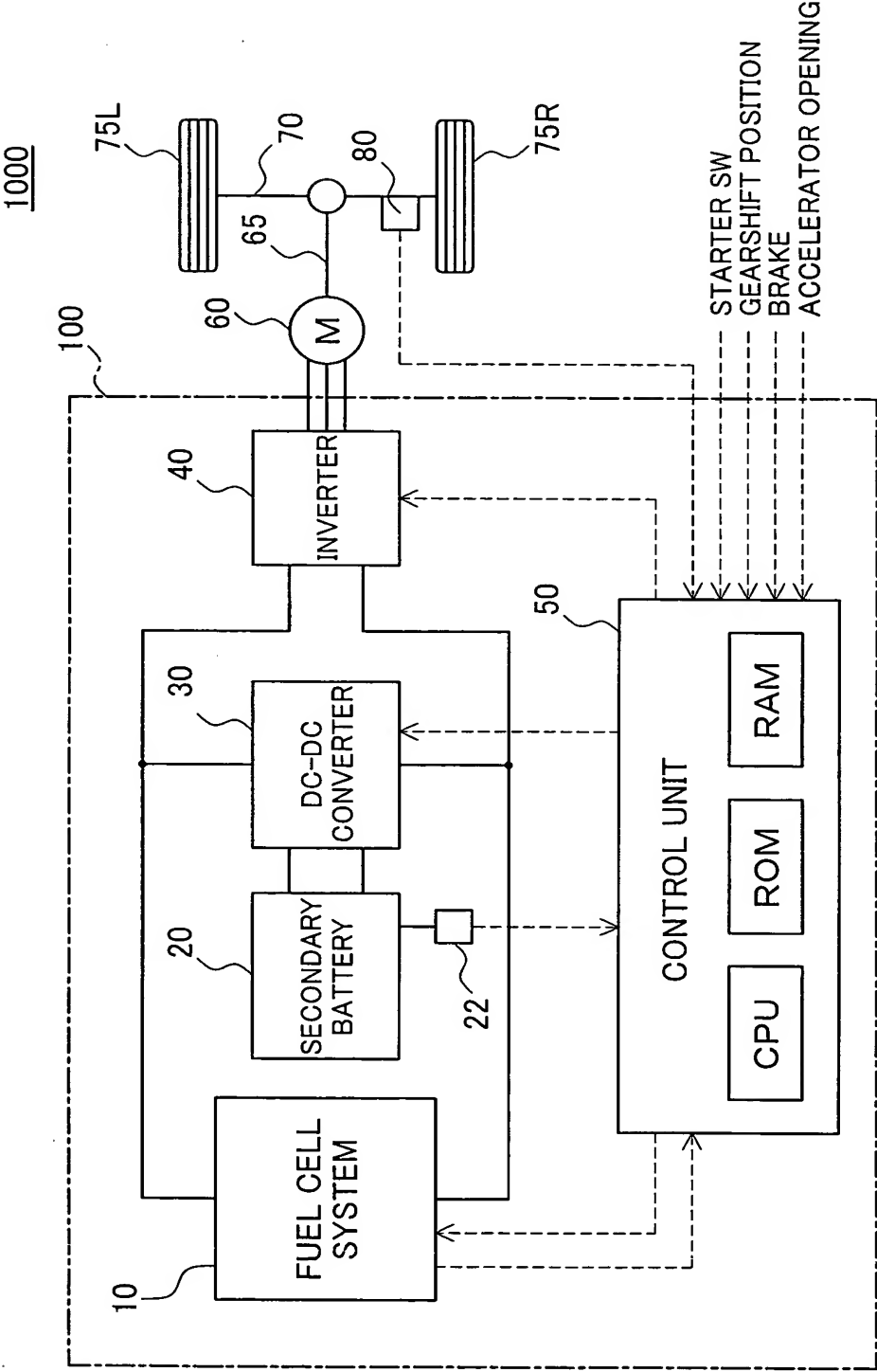


Fig.2

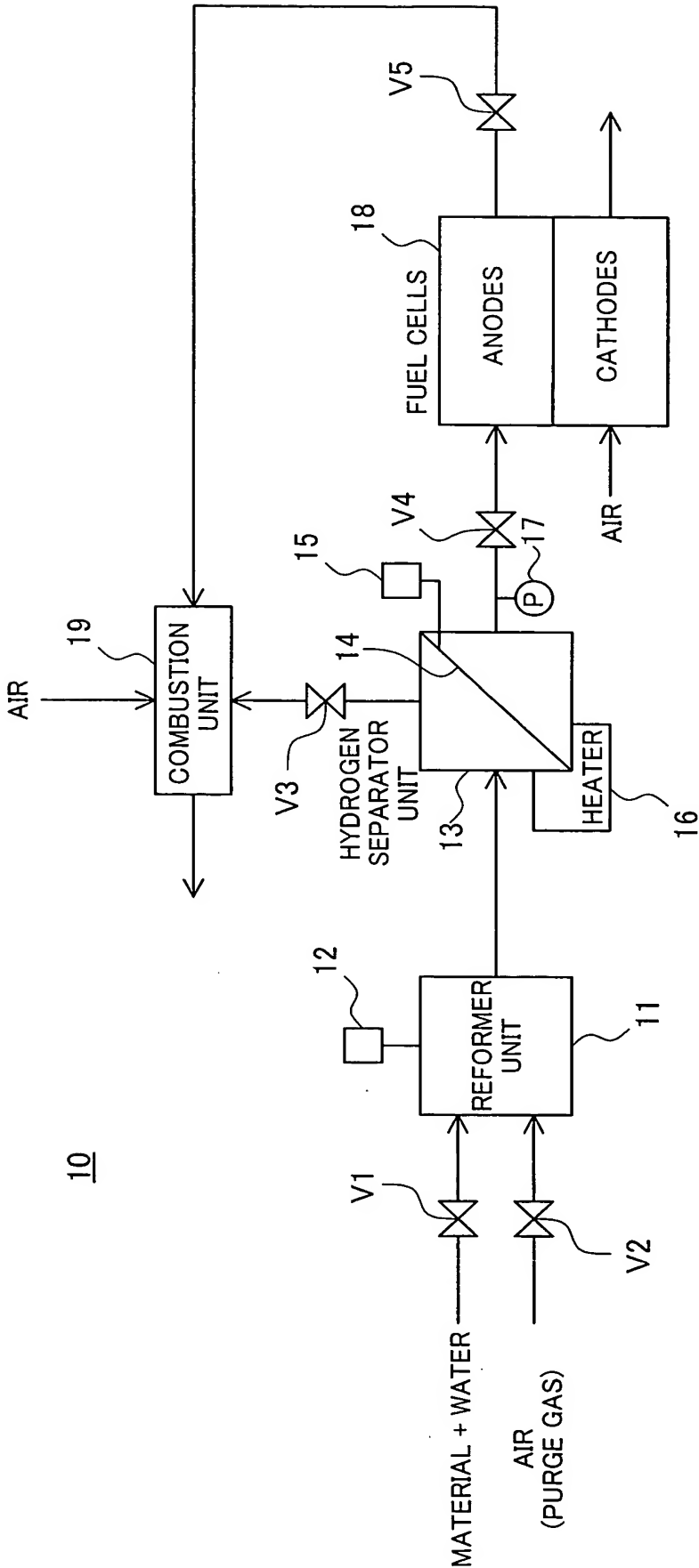


Fig.3

| VALVES | OPEN-CLOSED POSITIONS | | |
|--------|-----------------------|---------------|--------------|
| | NORMAL PROCESS | PAUSE PROCESS | STOP PROCESS |
| V1 | OPEN | OPEN→CLOSE | CLOSED |
| V2 | CLOSED | CLOSED | OPEN |
| V3 | OPEN | CLOSED | OPEN |
| V4 | OPEN | CLOSED | OPEN |
| V5 | OPEN | CLOSED | OPEN |

Fig.4

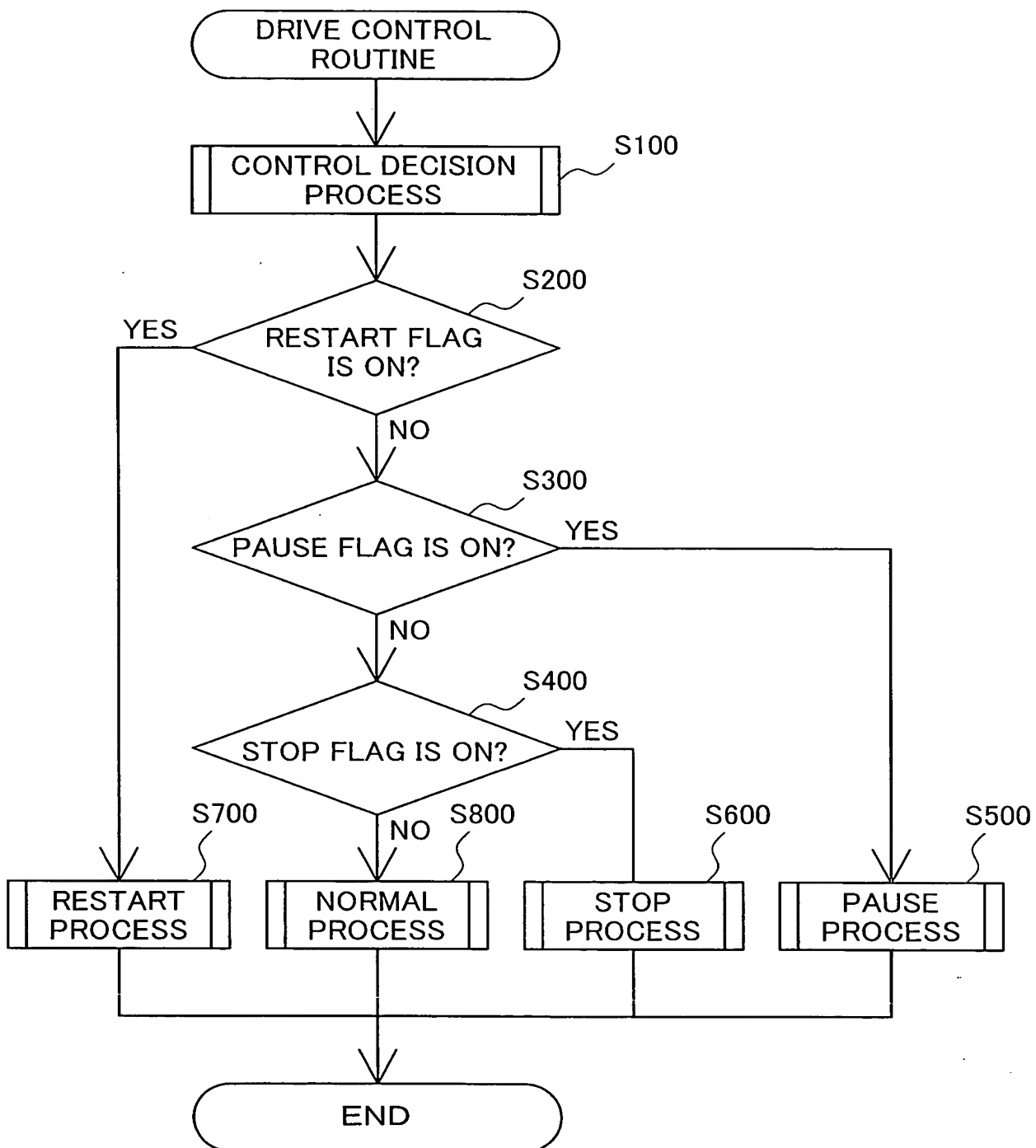


Fig.5

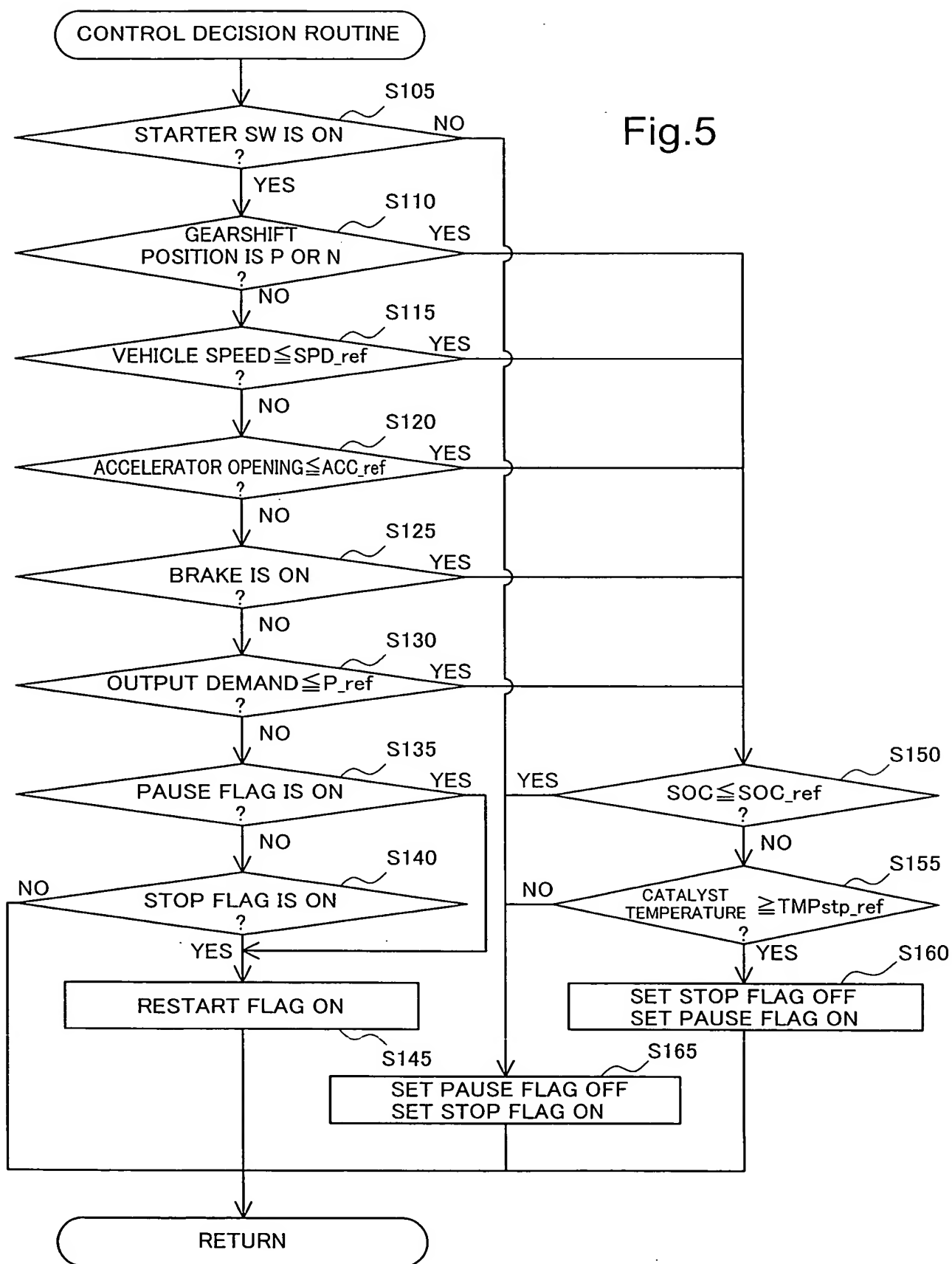


Fig.6

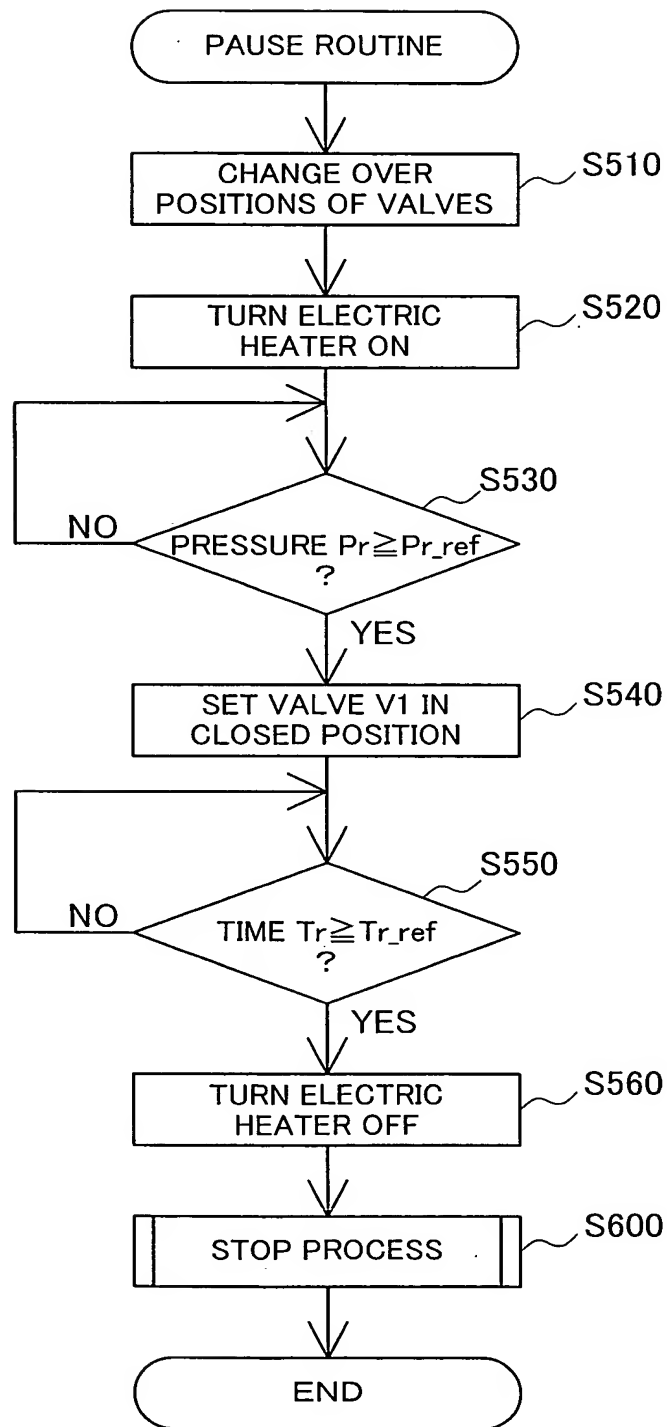


Fig.7

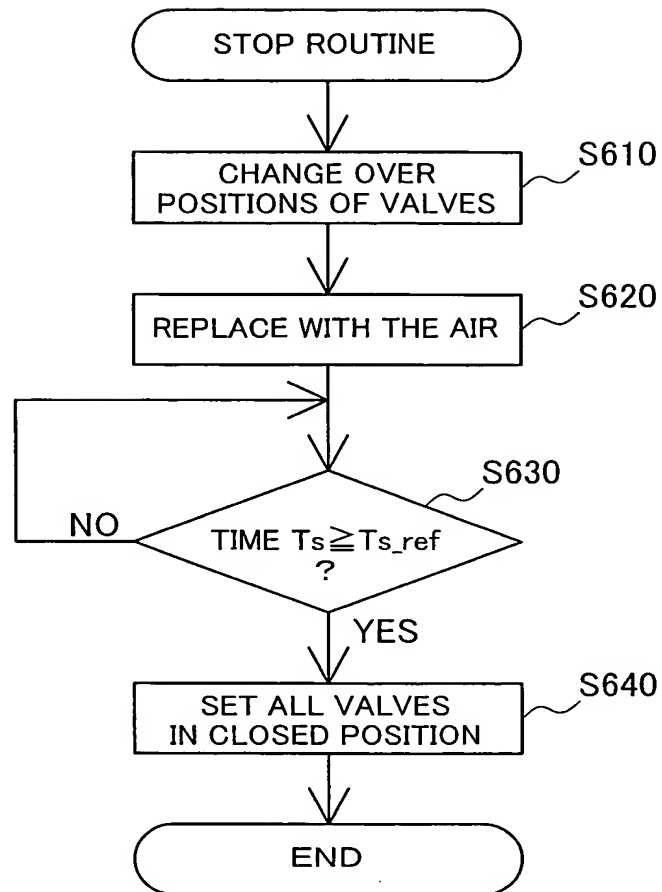


Fig.8

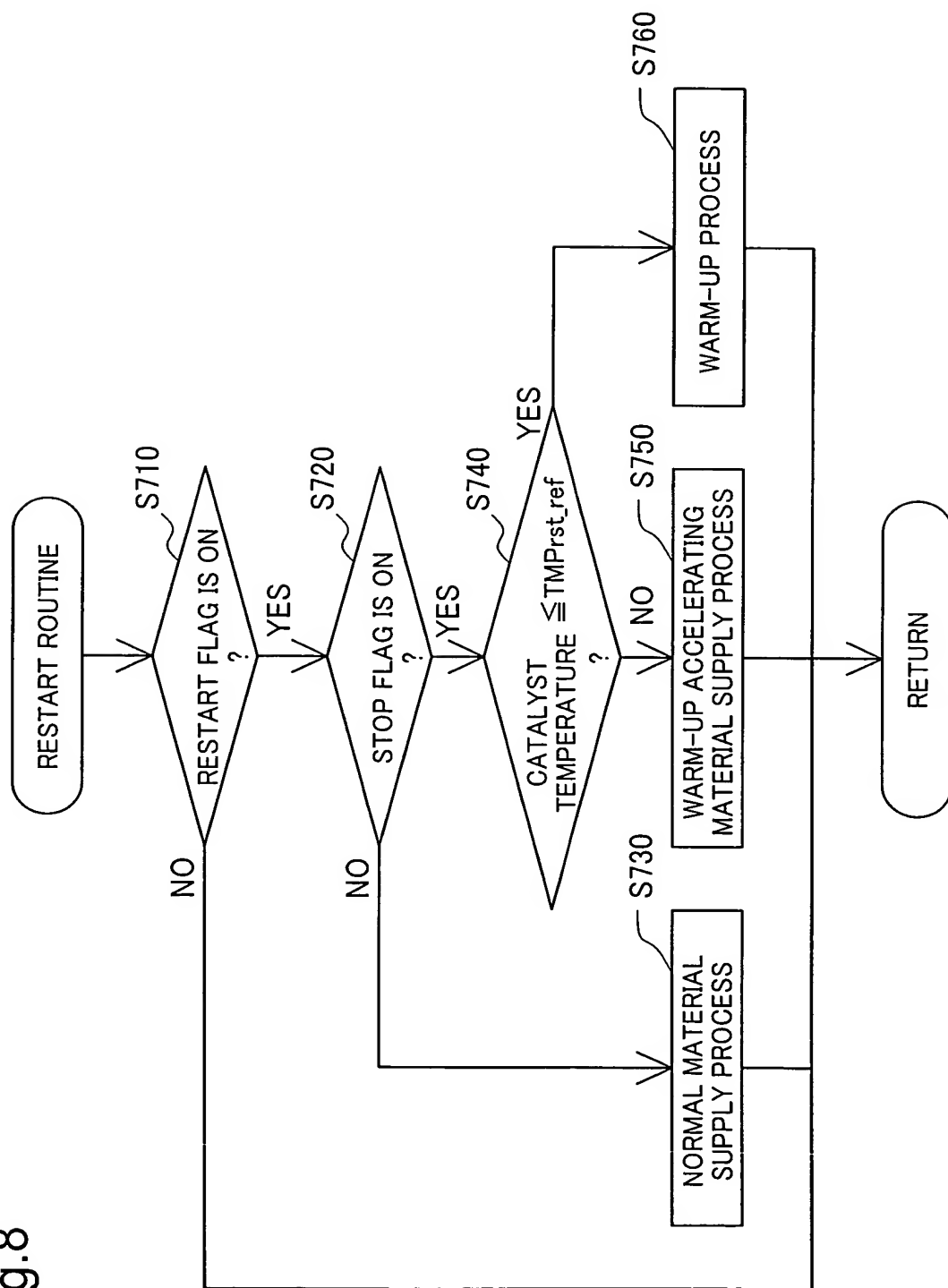


Fig.9(a)

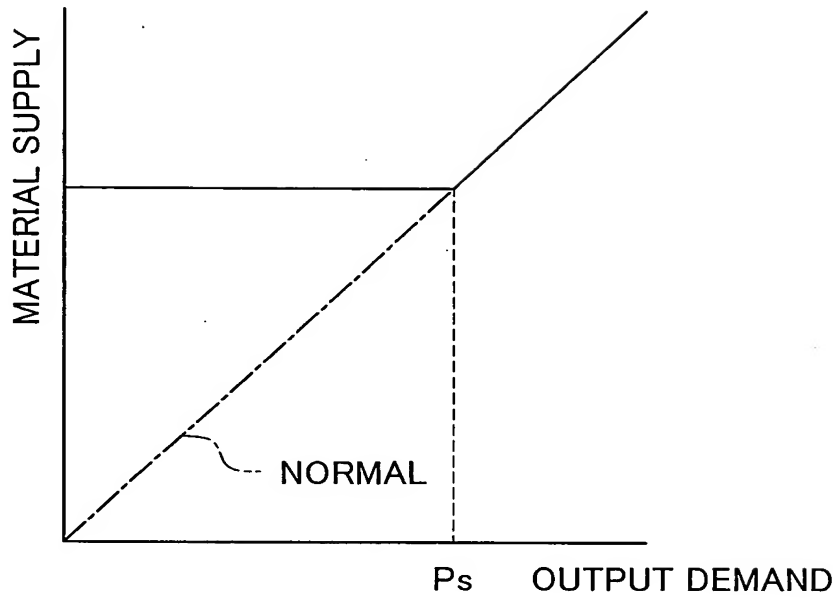


Fig.9(b)

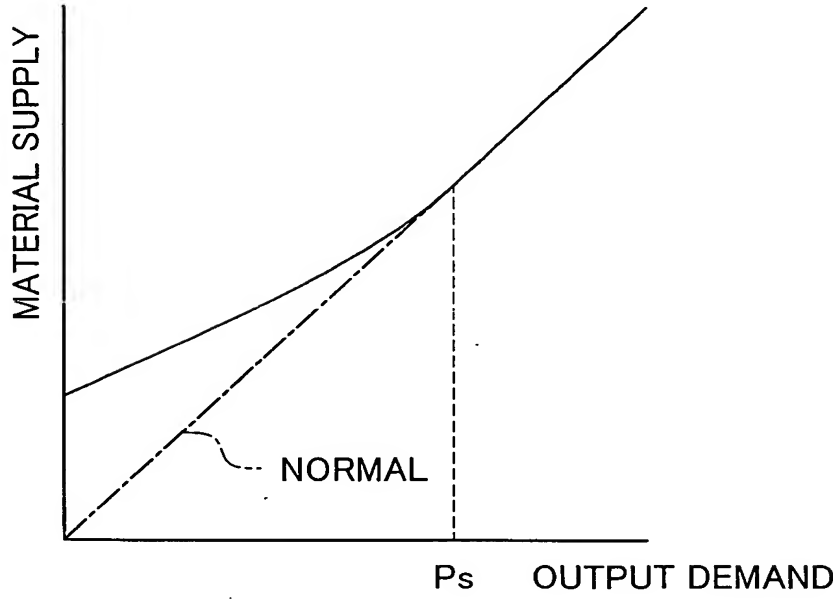


Fig.10

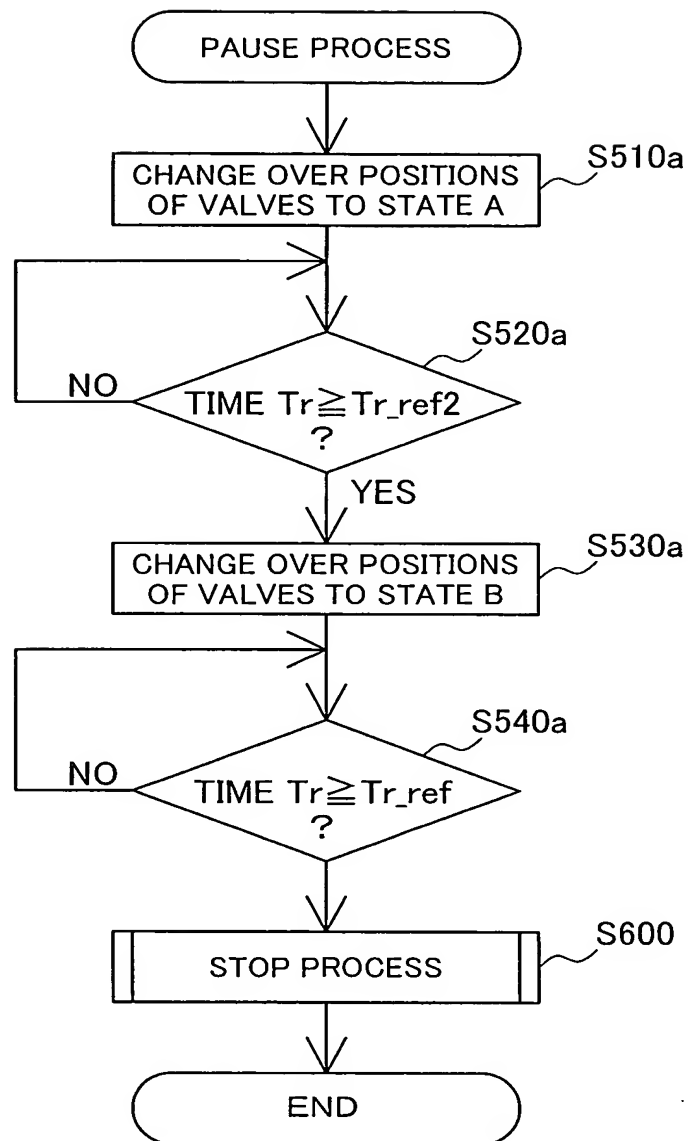


Fig.11

| VALVES | OPEN-CLOSED POSITIONS | |
|--------|-----------------------|---------|
| | STATE A | STATE B |
| V1 | CLOSED | CLOSED |
| V2 | OPEN | CLOSED |
| V3 | OPEN | CLOSED |
| V4 | CLOSED | CLOSED |
| V5 | CLOSED | CLOSED |